

Peak District National Park

Forecast valid from 00:00 on Saturday 22 May 2021 until 23:59 on Sunday 23 May 2021

Forecast Issued on Friday 21 May 2021 at 15:46

Confidence: Moderate to high in overall trend, lower confidence in detail of showers.

Headline for Saturday 22 May 2021: Cloud lifting and breaking to allow sunny intervals, but with afternoon showers. Winds easing.

Mountain weather hazards on Saturday 22 May 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Fog	Drizzle	Mist	Sunny intervals	Light rain showers	Sunny intervals	Cloudy
Precipitation probability							
60%	60%	60%	30%	20%	30%	20%	10%

Forecast for Saturday 22 May 2021

Weather: Overcast at first with hill tops shrouded in cloud. Outbreaks of heavy rain will ease by dawn. Cloud lifting and breaking during the morning to allow sunny intervals, but with afternoon showers. Strong winds at first will ease.

Chance of cloud free mountain/hill tops above 600m: Around 20 percent in the early hours, becoming 90 percent as cloud lifts and breaks.

Visibility: Moderate in rain and drizzle at first, very poor in widespread fog on peaks. Becoming mainly good or very good.

Forecast for Saturday 22 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/25 N	14/19 NW	11/15 W	13/19 NW	14/22 W	17/26 W	18/26 W	14/21 W	12/17 SW
300	12/18 NW	11/17 NW	10/15 NW	11/17 NW	13/21 W	16/25 W	15/24 W	10/18 W	8/13 SW
Valley	9/19 NW	10/18 NW	9/16 NW	9/17 NW	11/21 W	13/25 W	12/24 W	7/16 W	4/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	3/-2	2/-2	3/-1	5/0	6/1	5/0	3/-1	2/-2
300	7/3	5/1	5/1	6/2	8/4	8/5	8/4	6/3	5/2
Valley	7/4	6/2	5/2	7/4	9/6	10/7	9/6	6/4	5/4
Freezing Level*	1500m	1300m	900m	900m	1000m	900m	900m	900m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling chilly in brisk winds, strong at first, and low single figure temperatures on peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 21 May 2021	12.4mm	N/A	N/A

Forecast for Sunday 23 May 2021

Weather: An early ground frost is possible. Sunny spells, and broken cloud, and a few showers during the morning. Cloud increasing with a band of heavy rain later in the afternoon and evening. Cloud will lower and cover peaks in the rain band.

Maximum wind: Southwesterly winds will strengthen to near gale, with gusts to 45 mph in periods of rain later.

Chance of cloud free mountain/hill tops above 600m: 90 percent during the morning, becoming 20 percent in heavy rain later.

Visibility: Mainly good or very good during the morning, locally moderate in showers. Becoming poor in heavy rain, and very poor in widespread fog at higher altitudes.

Temperature: **Valleys:** 3 deg bec 12 deg C
At 600m: 2 deg C bec 6 deg C
Freezing level: Just above the peaks, rising later.